

## COMPUTER-AIDED DESIGN OF NANOCIRCUIT FOR THE CRYPTOGRAPHIC DEVICES

The possibility of introducing non-emitting nanoscales on the basis of quantum cellular automata has been investigated. It practically neutralizes electromagnetic attacks. The method of protection from external interferences and observations of electromagnetic radiation (attacks) is proposed in the work. The power consumption of cryptographic modules has been reduced by five orders. Secure encryption of cryptographic information is provided.

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